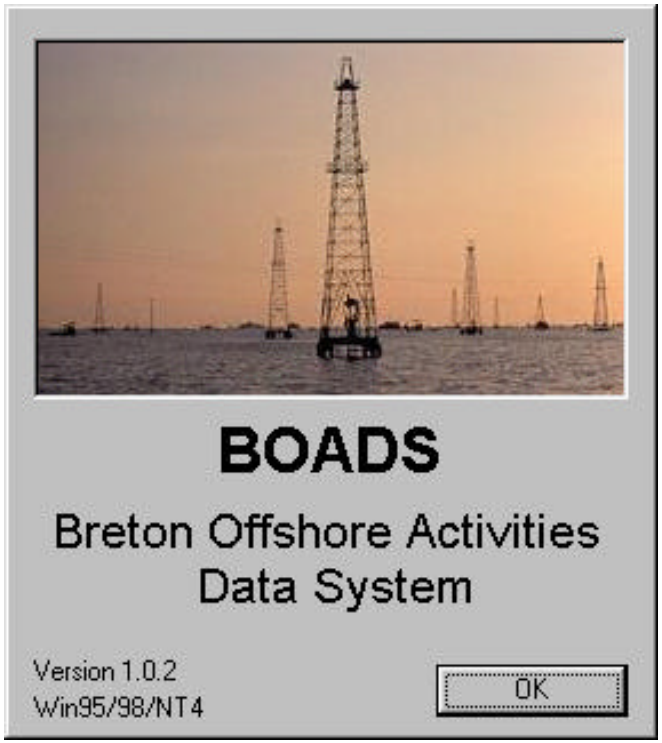
BOADS Training Seminar



Speaker: Dana Coe

Senior Air Quality Analyst

STi

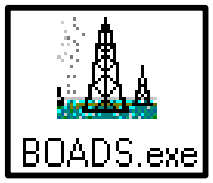
Sonoma Technology, Inc.

Petaluma, California

New Orleans, Louisiana

August 16, 1999

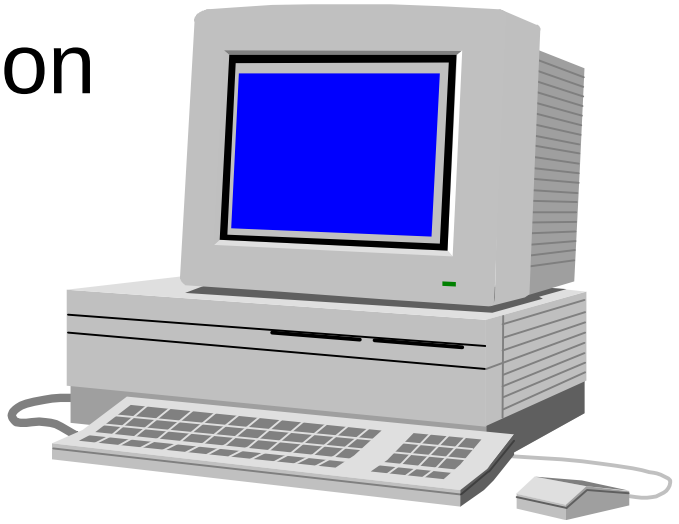
STi

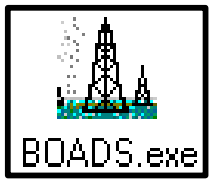


Agenda

1. Introduction
   - Information flow
   - Operating paradigm - “look and feel”

2. Software Demonstration
   - Software installation
   - Initial startup

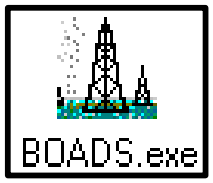




Agenda

Software Demonstration (continued)

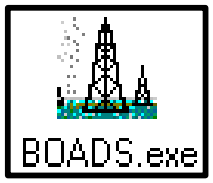
- Create and edit data for the first month.
  - Begin a new survey.
  - Define OCS structures.
  - Add equipment to structures.
  - Run automated QC and validate results.
  - Copy data (structures and equipment).
  - Balance production/processing.
- Submit 1st survey data.
  - First, review the QC and validation results.
- Back up the main database.



Agenda

Software Demonstration (continued)

- Prepare surveys for subsequent months
  - Copy the previous survey.
  - Add/remove structures or equipment.
  - Review parameters that vary monthly.
  - Balance production/processing.
  - Run automated QC and validate results.
  - Submit data once per month.



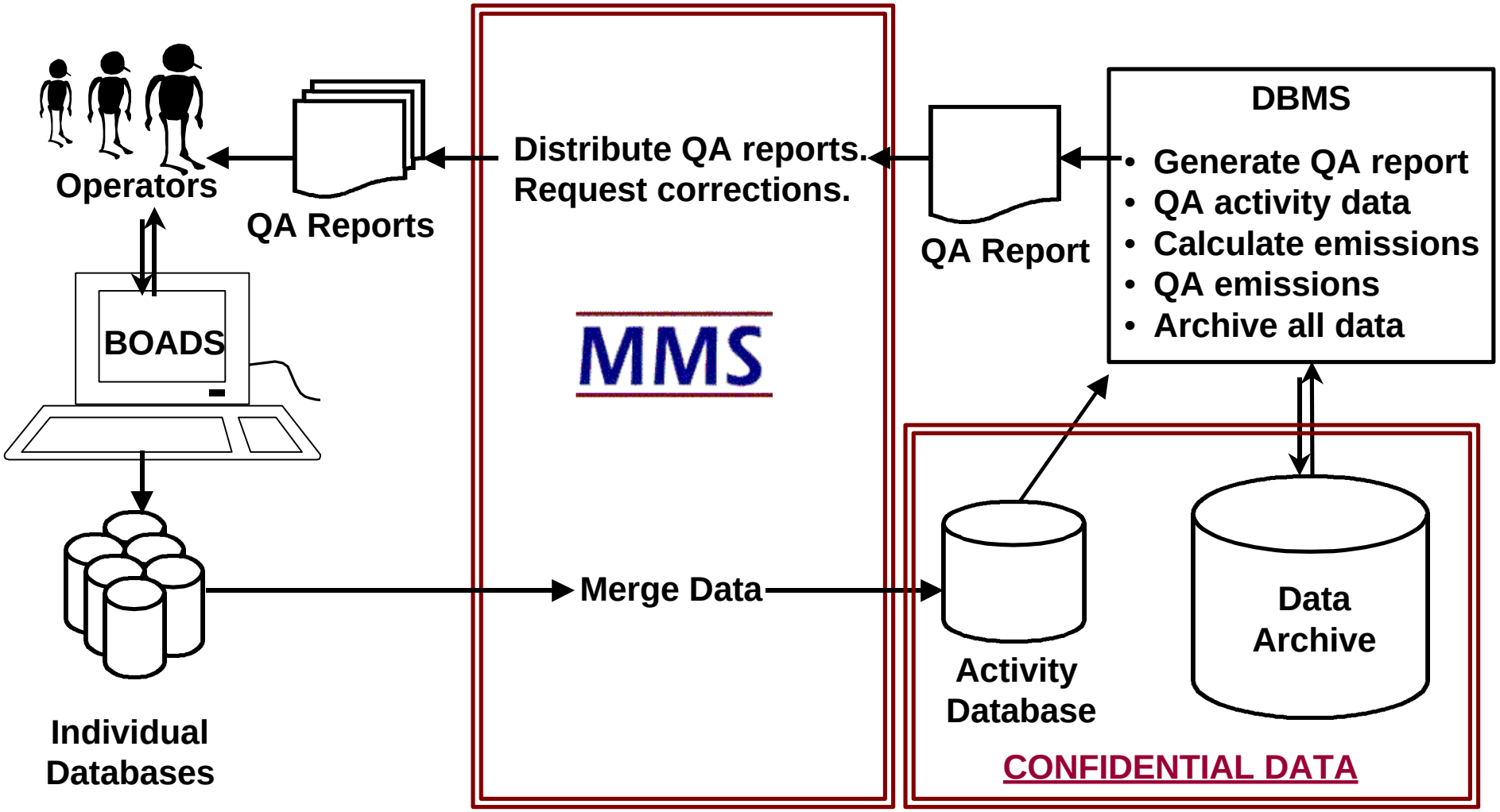
Agenda

3. Technical support
4. About the full-scale trial run
5. Useful MS Access functions
   - Use MS Access 97 or above.
   - Design reports for internal use.
   - Link to and share a master BOADS database over a LAN.

--Break for lunch--

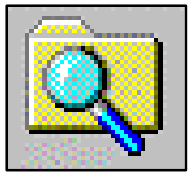
6. Hands-on with BOADS

Information flow



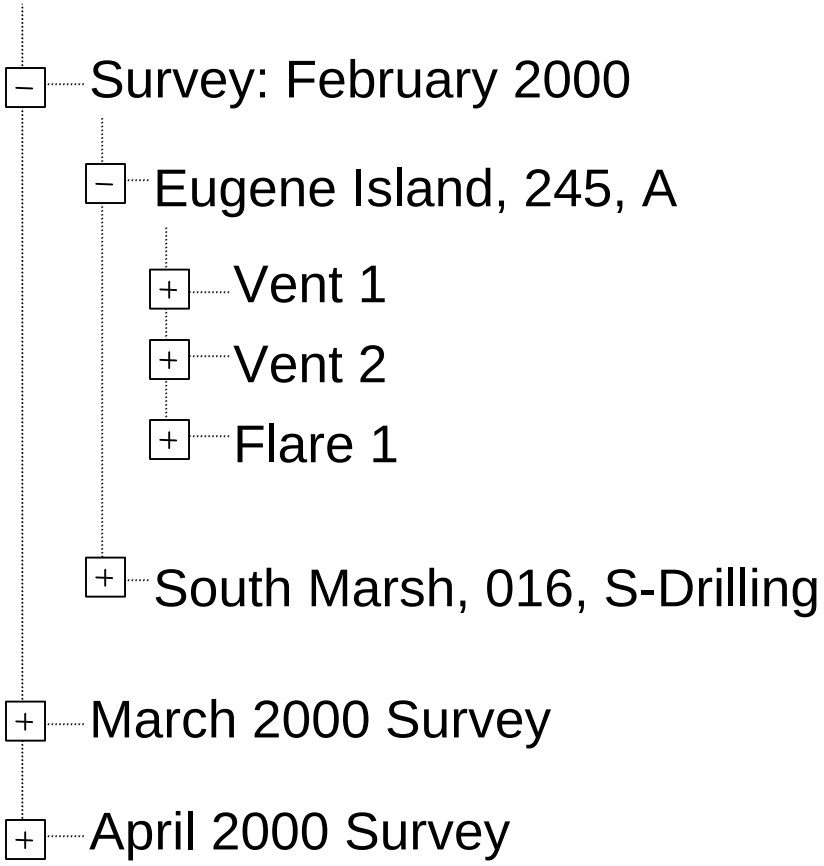
BOADS Operating Paradigm - “look and feel”

- Similar to Windows File Manager

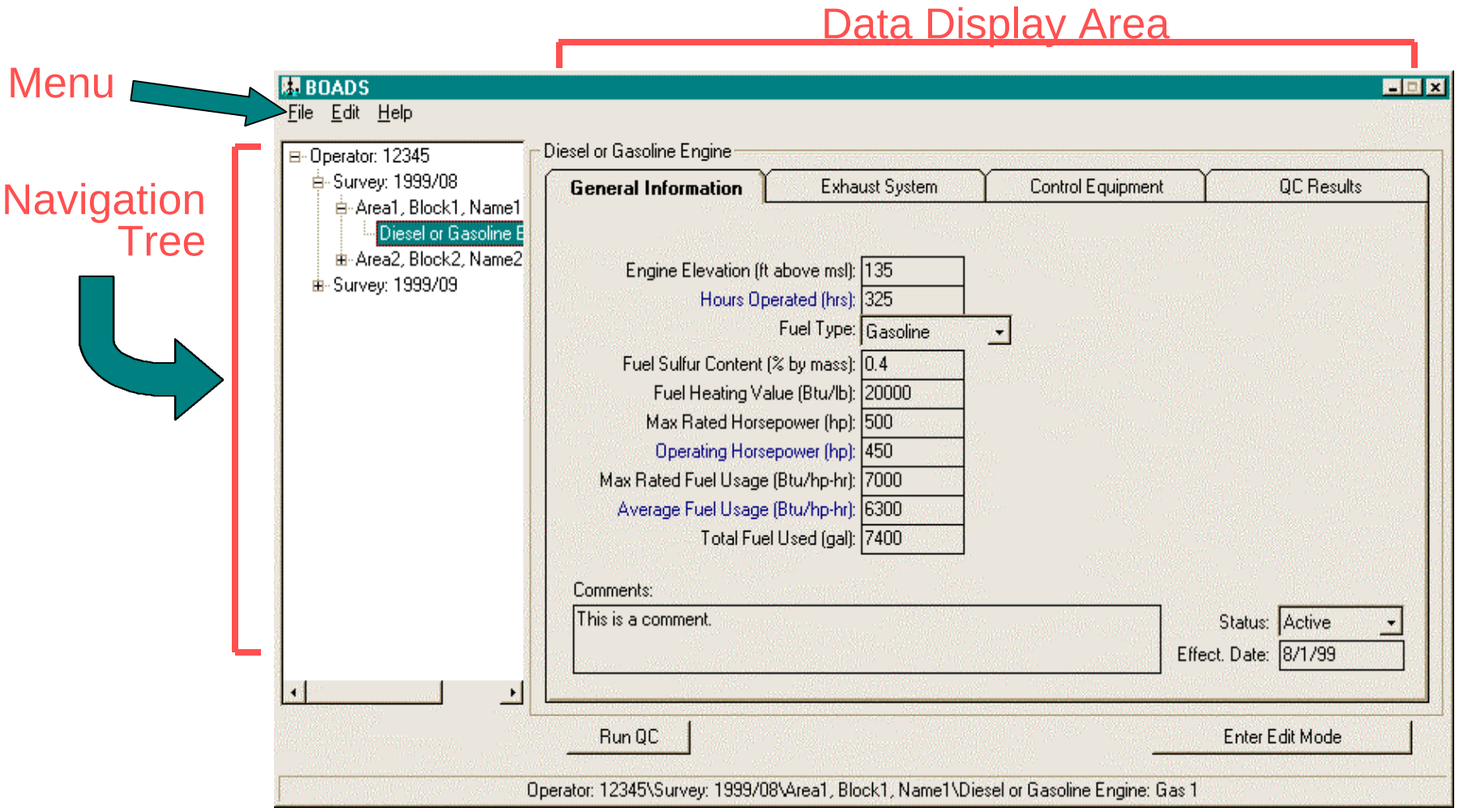


  - File/Folder Tree Structure

  - Select, Edit, New, Copy, Paste, Delete



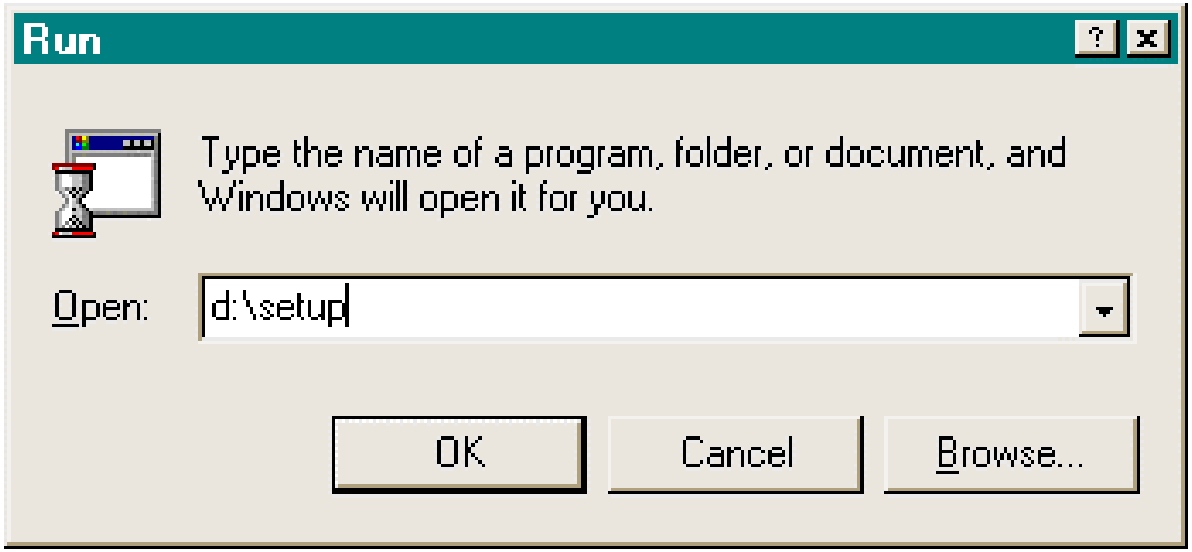
BOADS Operating Paradigm - "look and feel"



Installation

Minimum system requirements:

- 486 DX2
- Windows 95/NT
- 16 Mb RAM

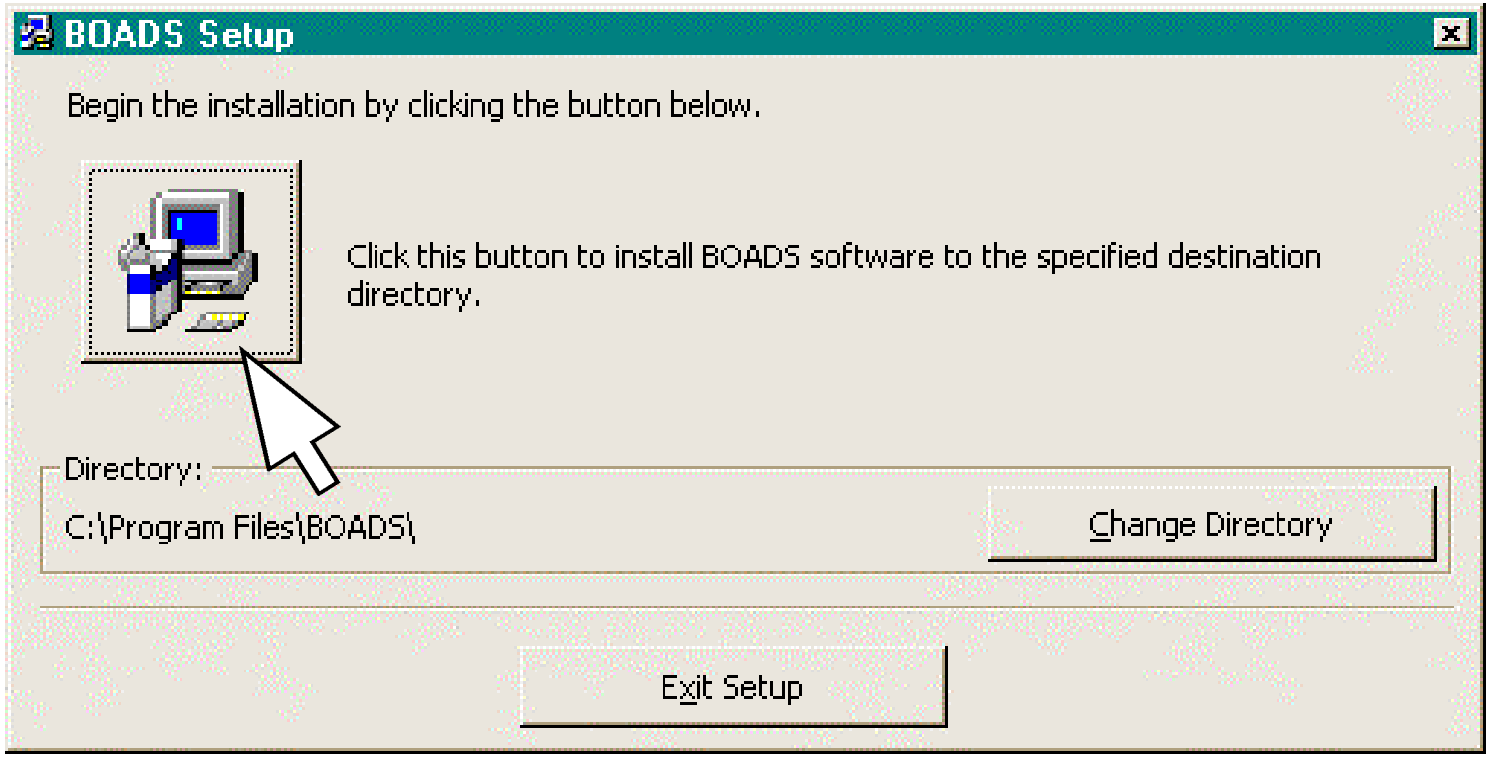


Type d:\setup (CD ROM) or type a:\setup (floppy) and click OK.

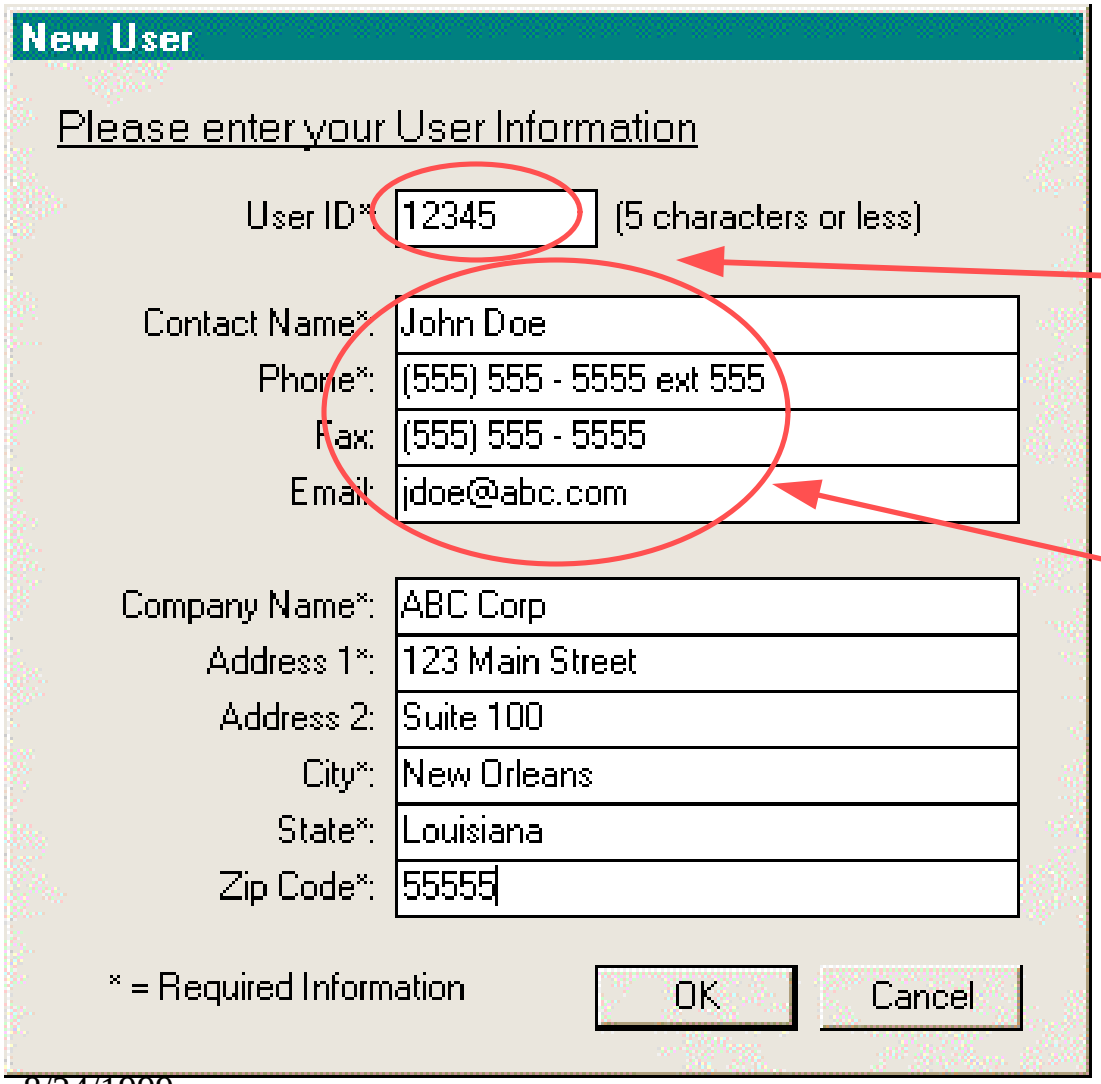
Installation

Simply follow the directions.

If system files are updated, you may be instructed to restart the computer and run the setup program again.



Initial Startup - 1st use

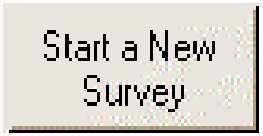


- Provided by MMS
- Unique to the responding company

- The primary point of contact for MMS
- MMS may contact with questions about survey responses

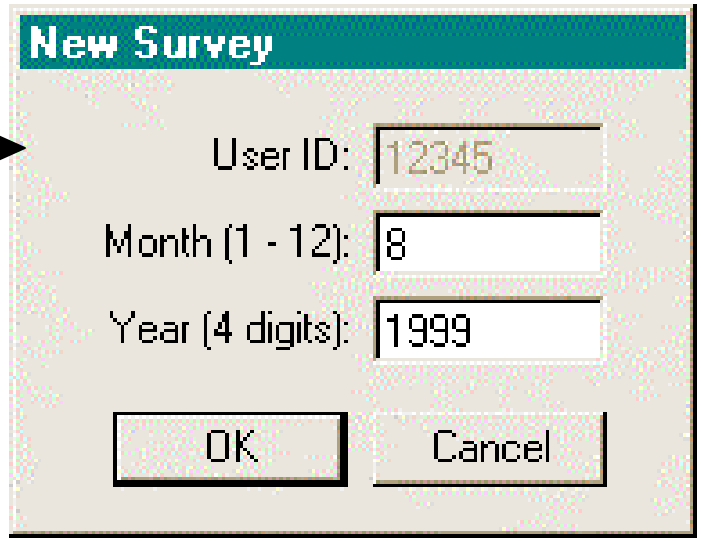
Begin a new survey.

1a

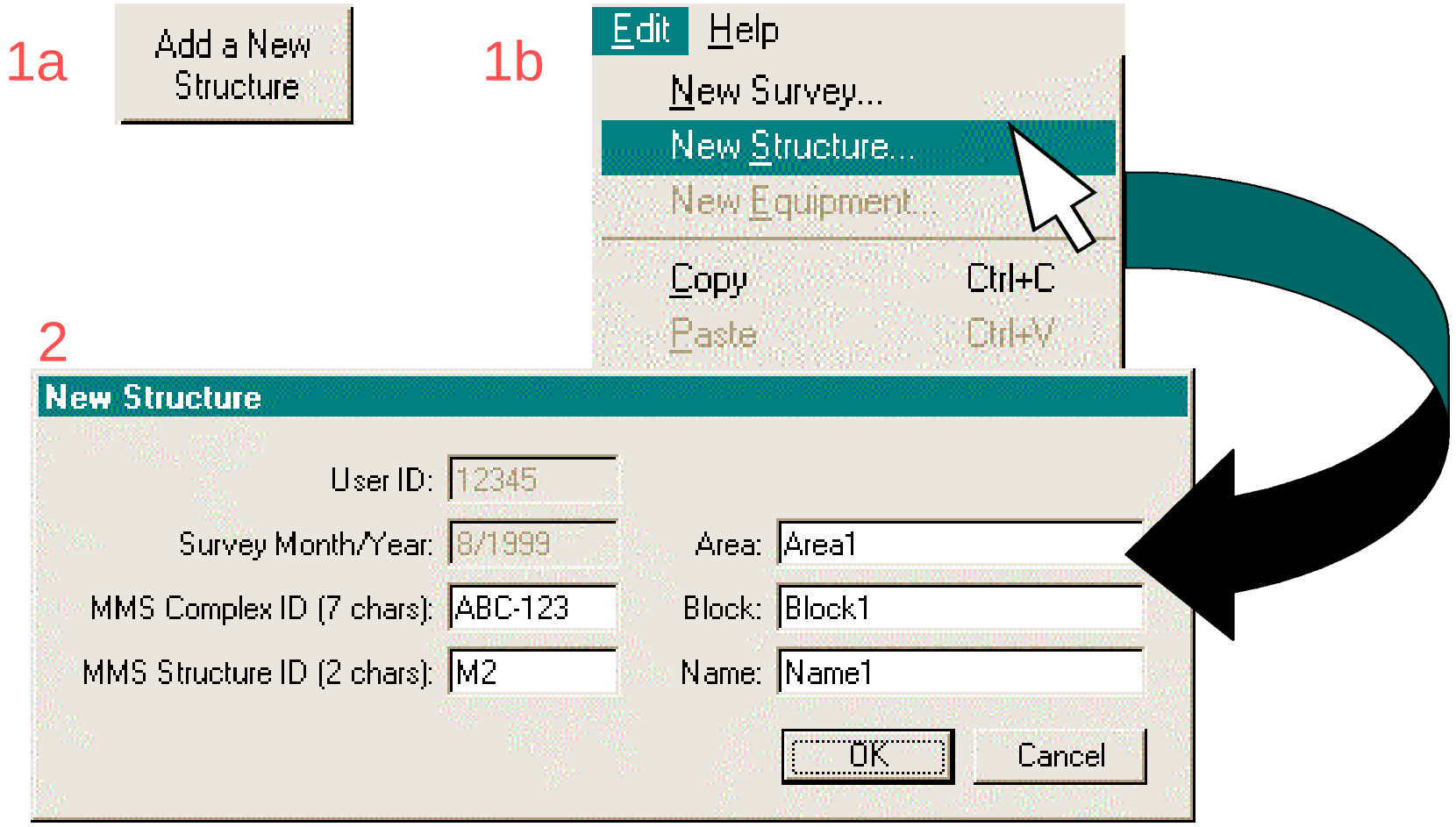


1b

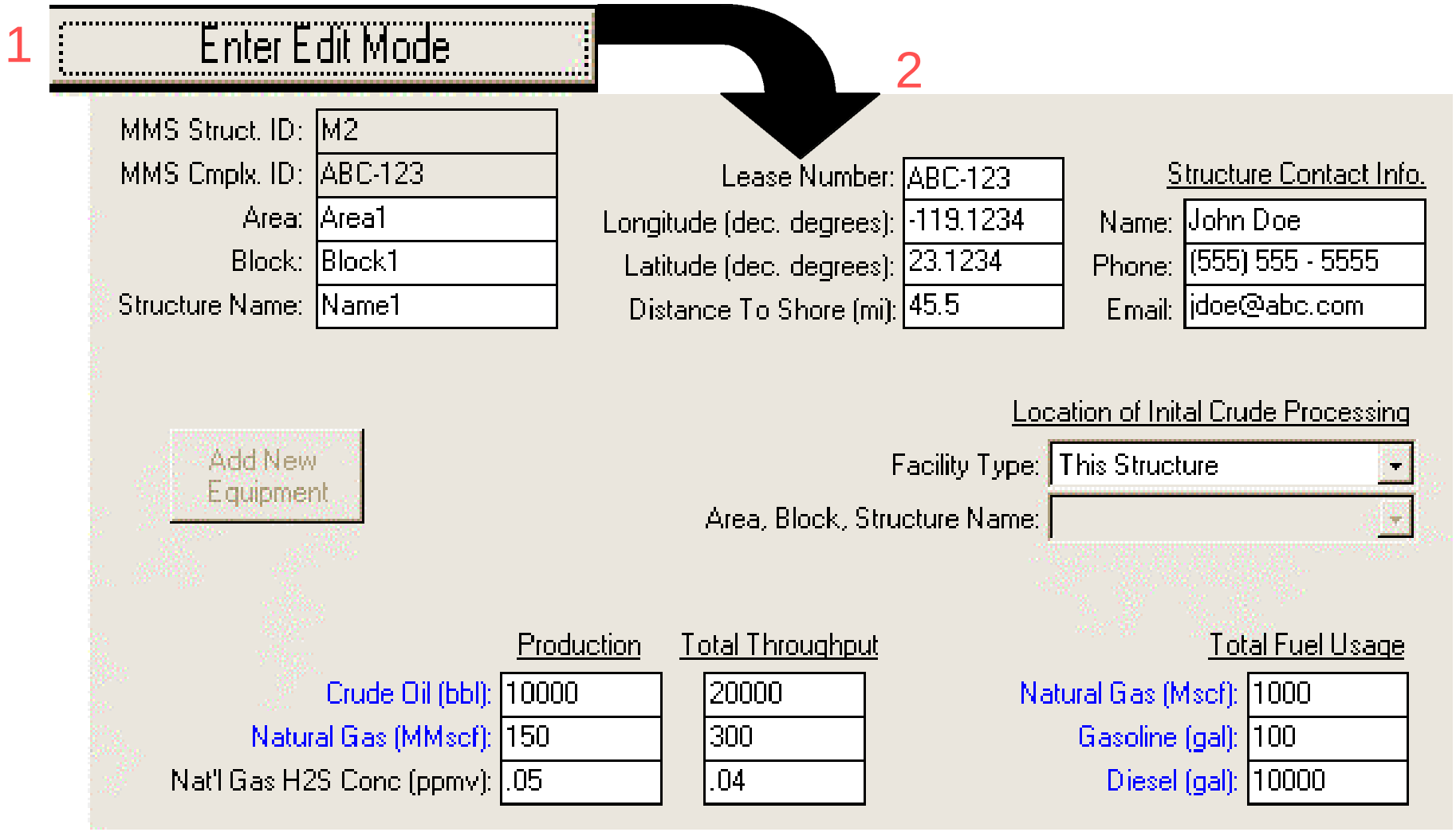
2



Define a new structure.

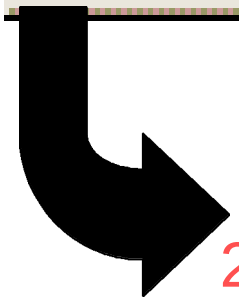


Enter structure data.

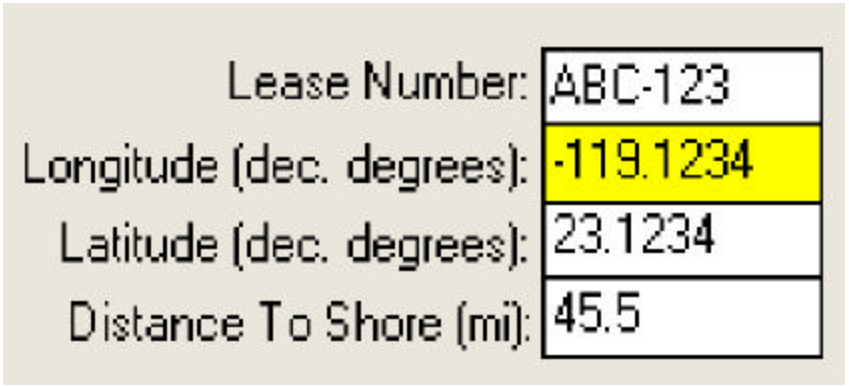


Run QC.

1

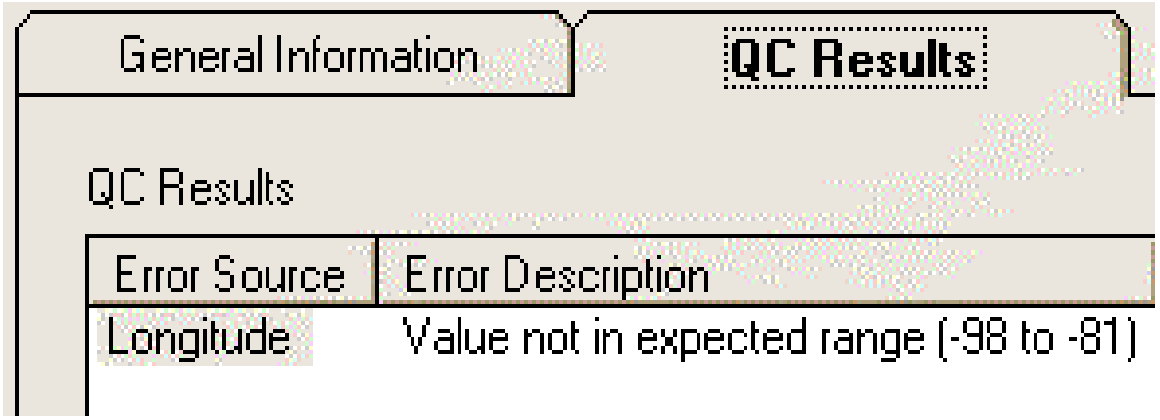


2

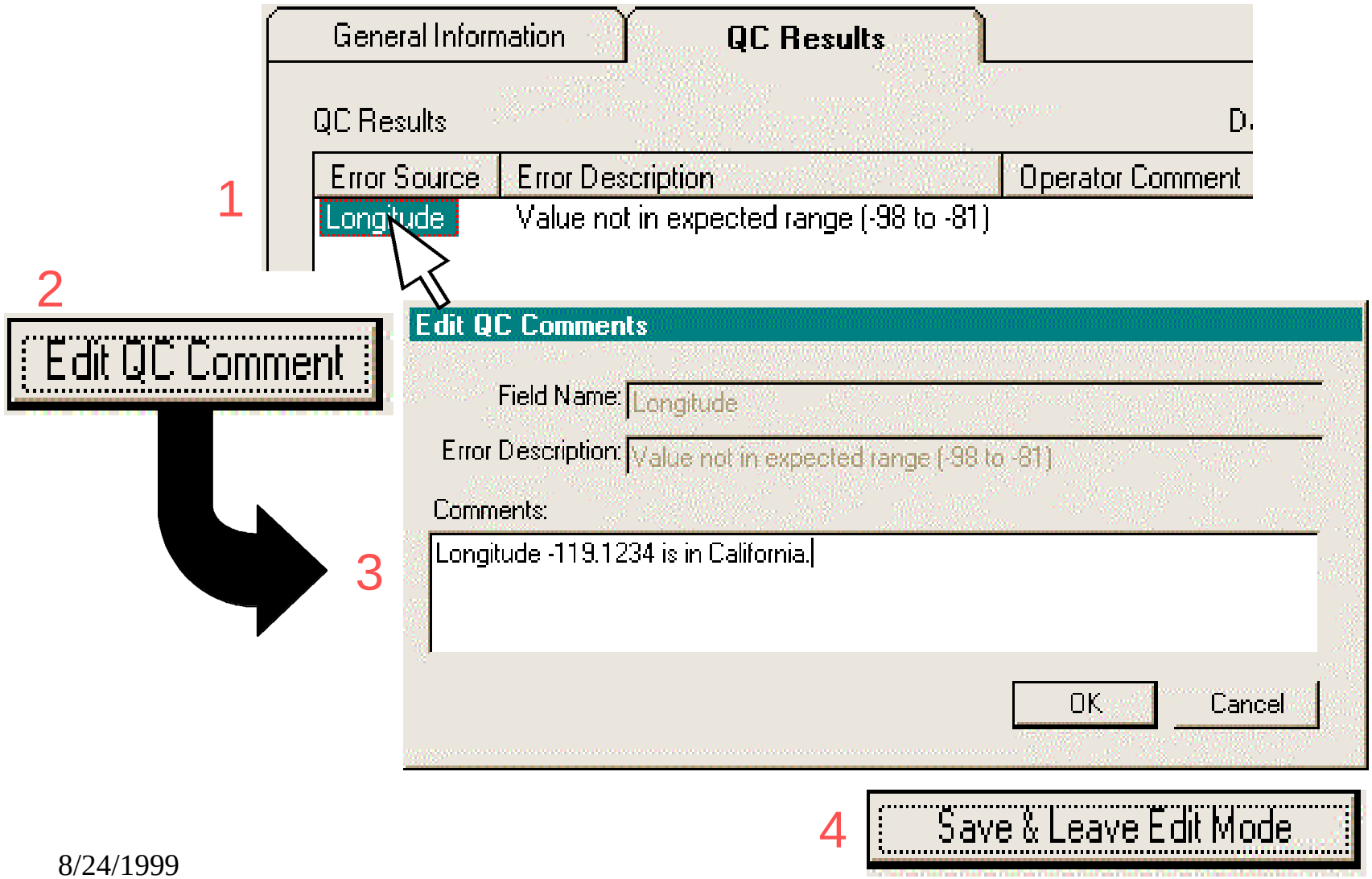


Yellow indicates possible error.

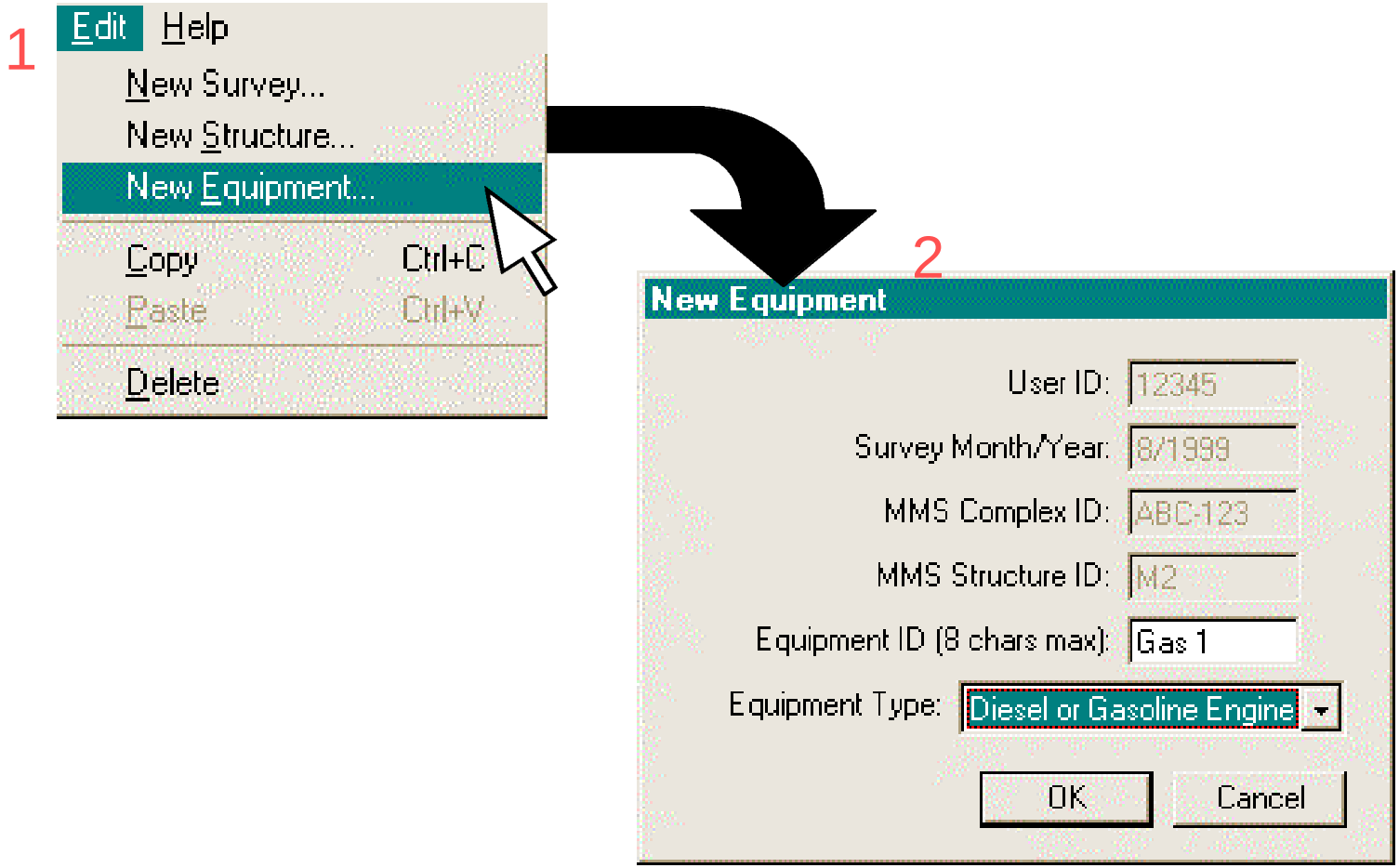
3



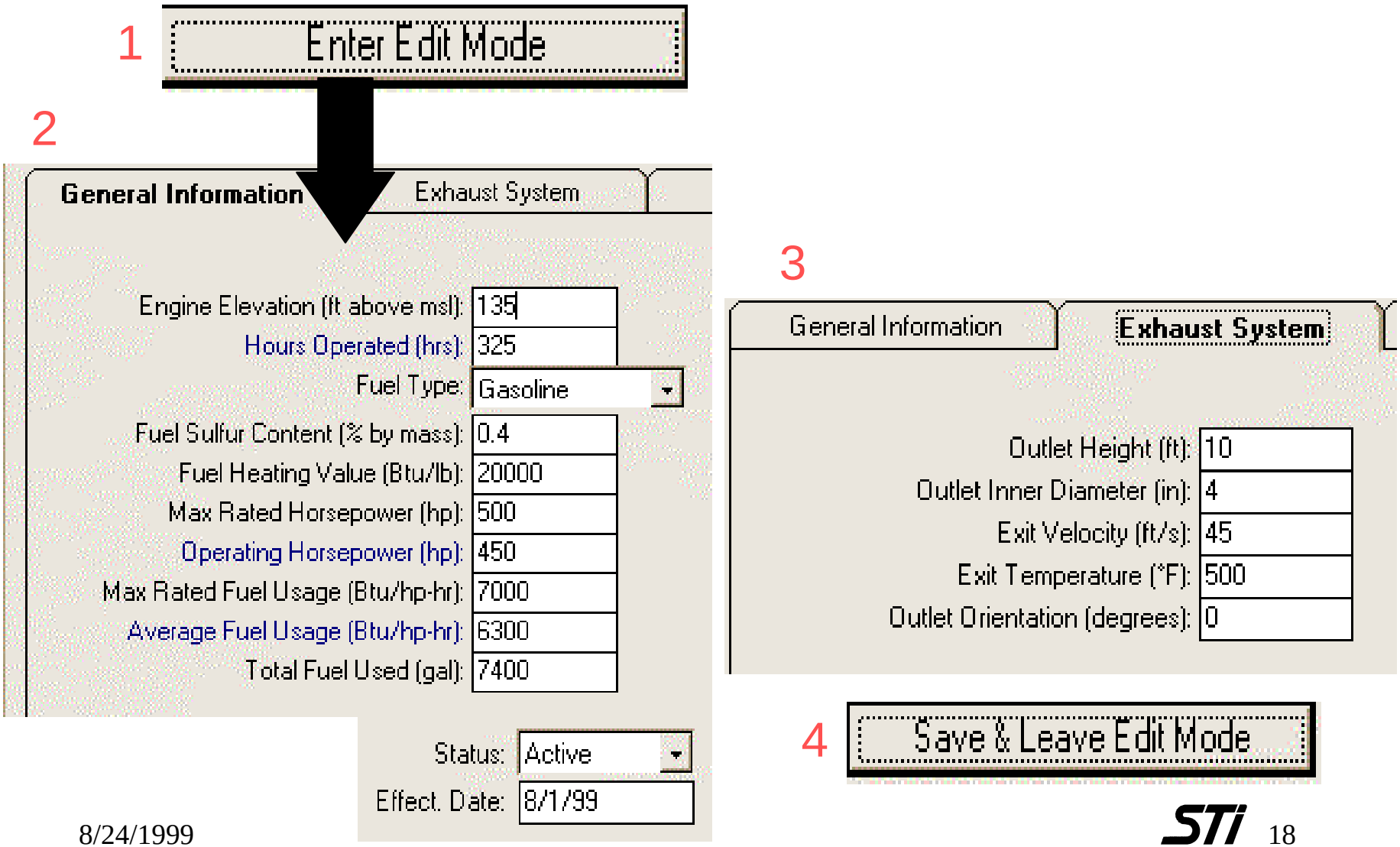
Validate error flags.



Define new equipment.

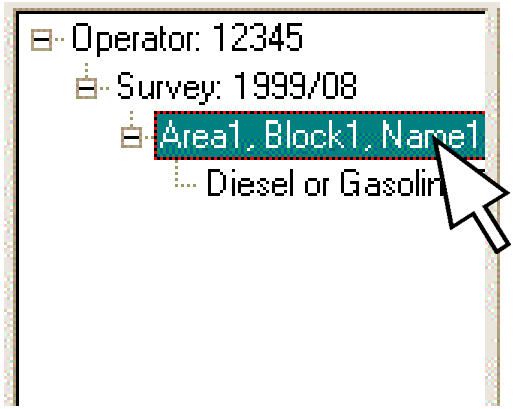


Enter equipment data.



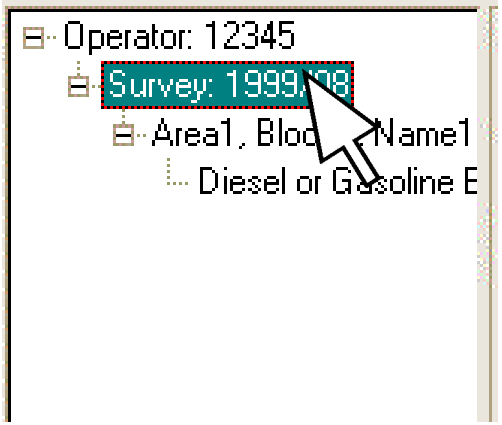
Copy similar structures.

1



2

3



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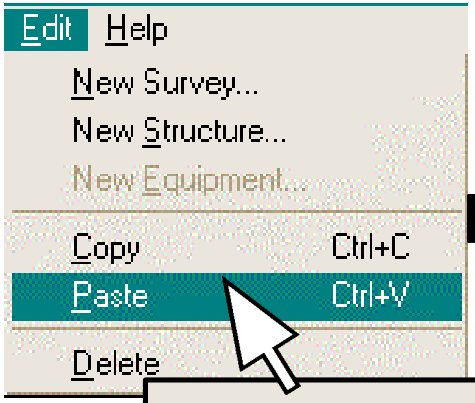
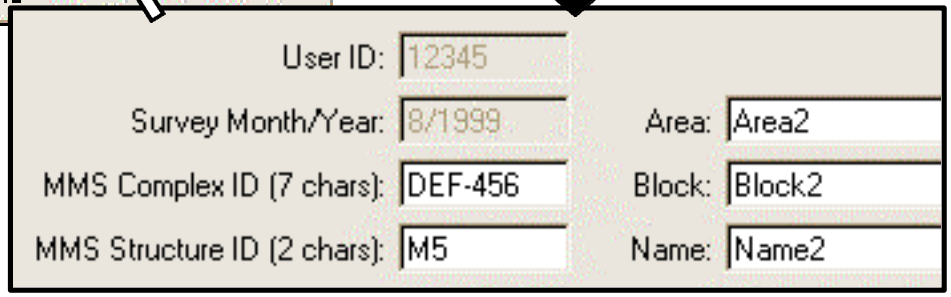
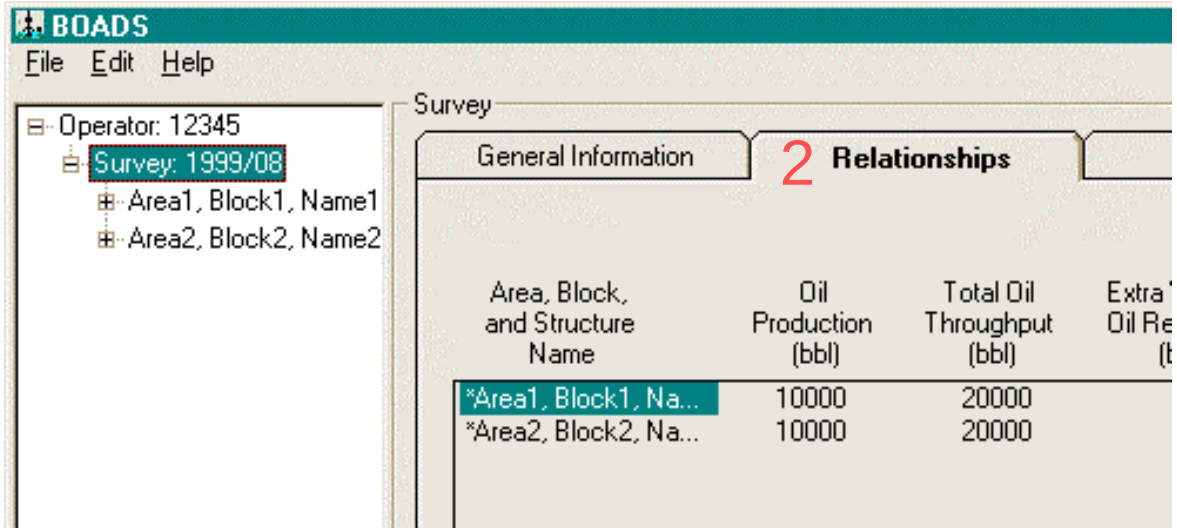


5



Balance relationships. (1 of 2)

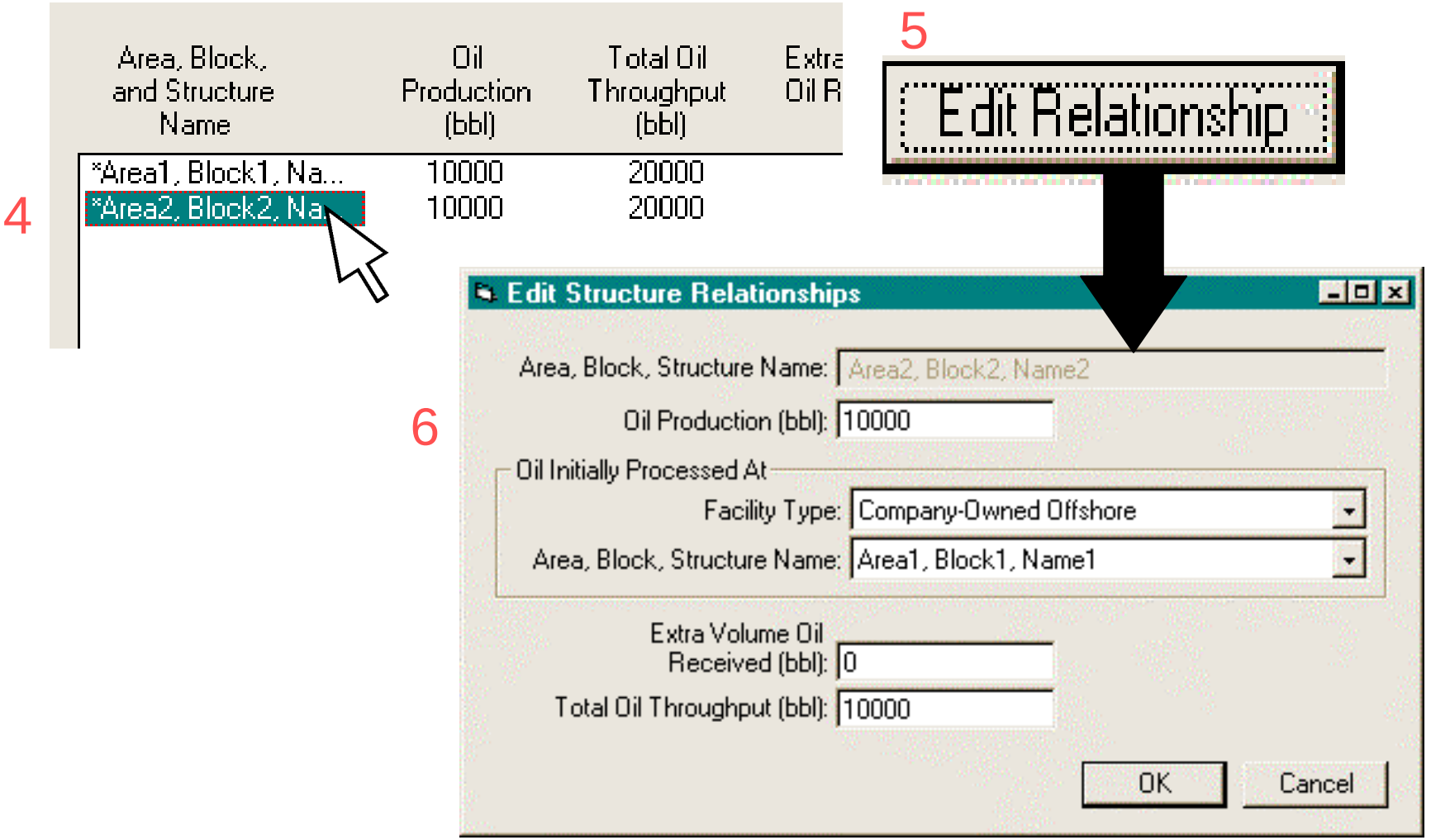


1

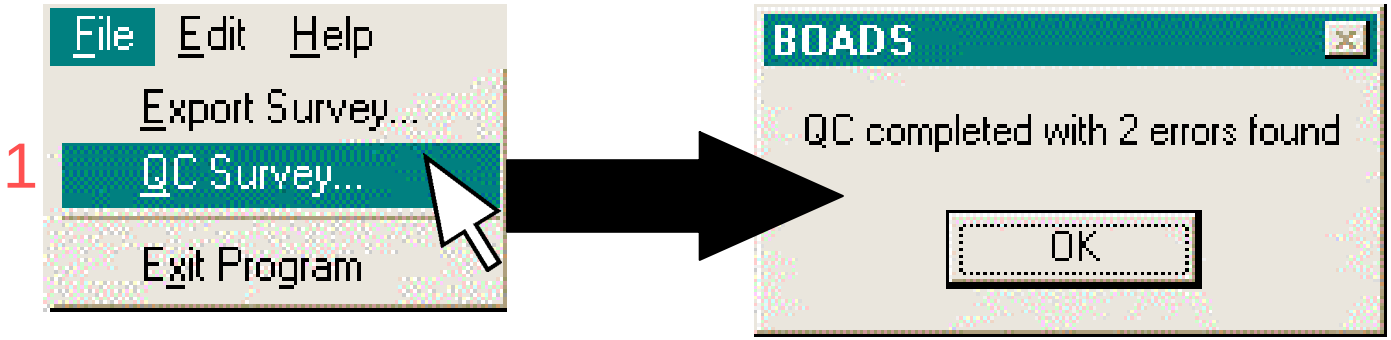
2

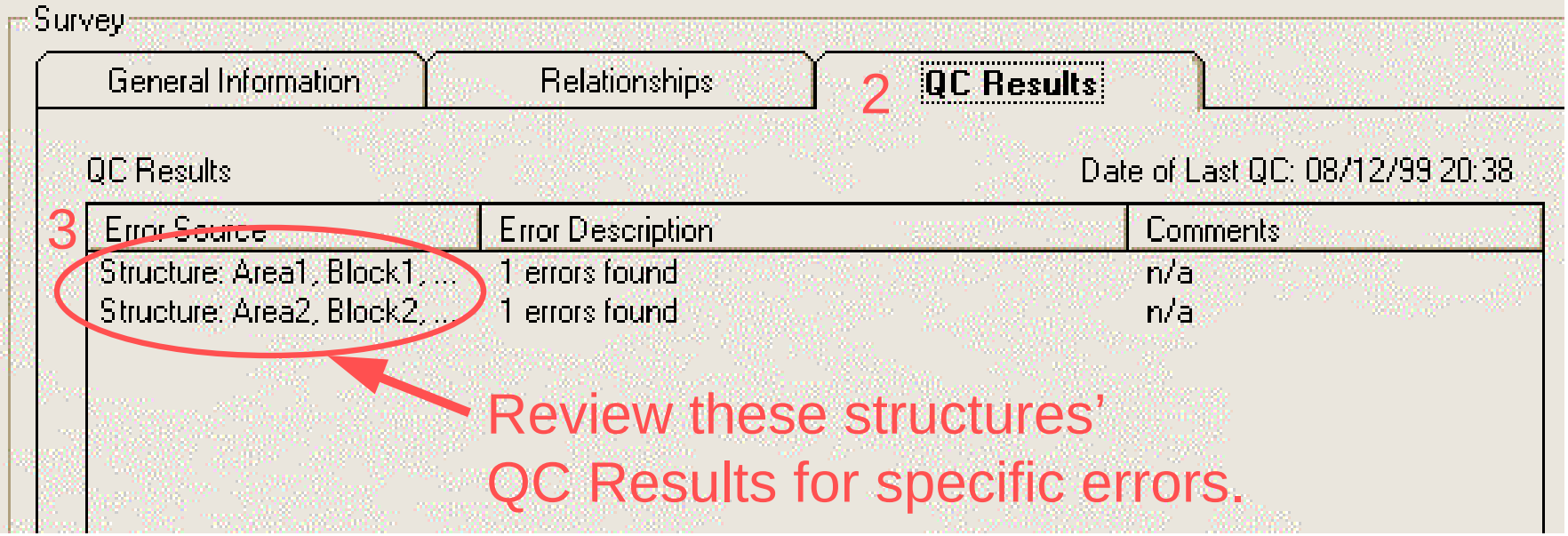
3

Balance relationships. (2 of 2)

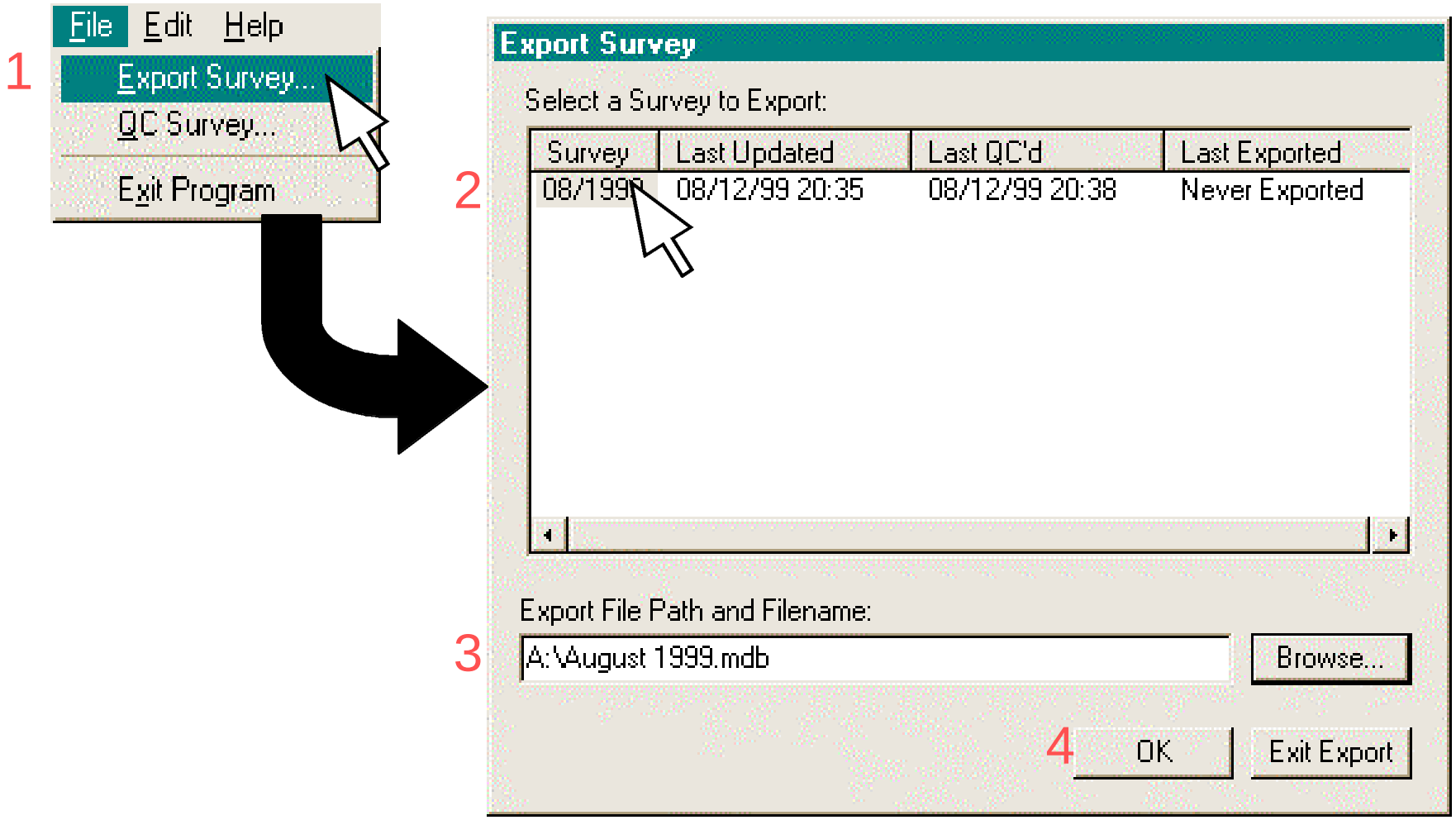


QC and validate before submitting data.

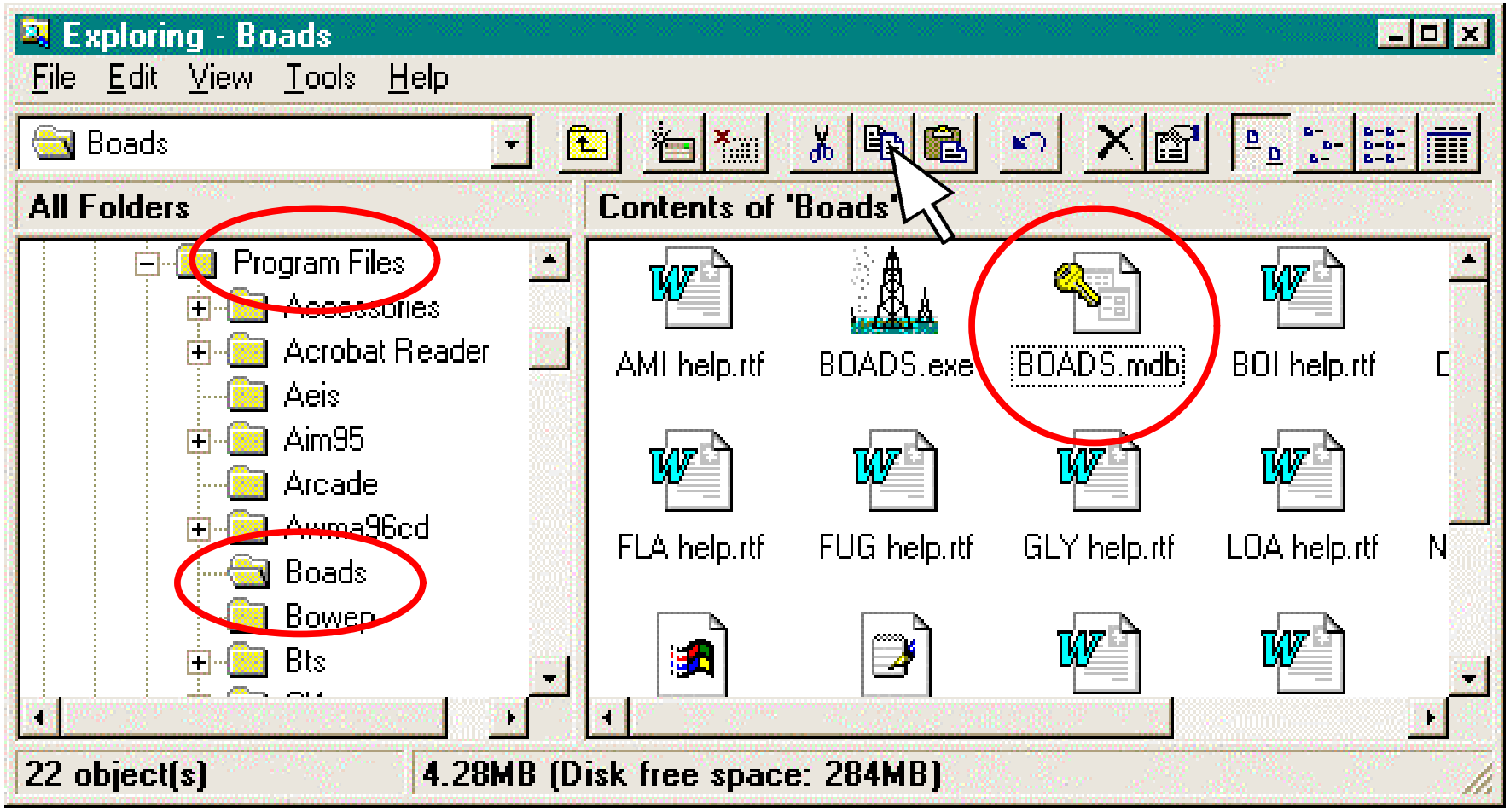




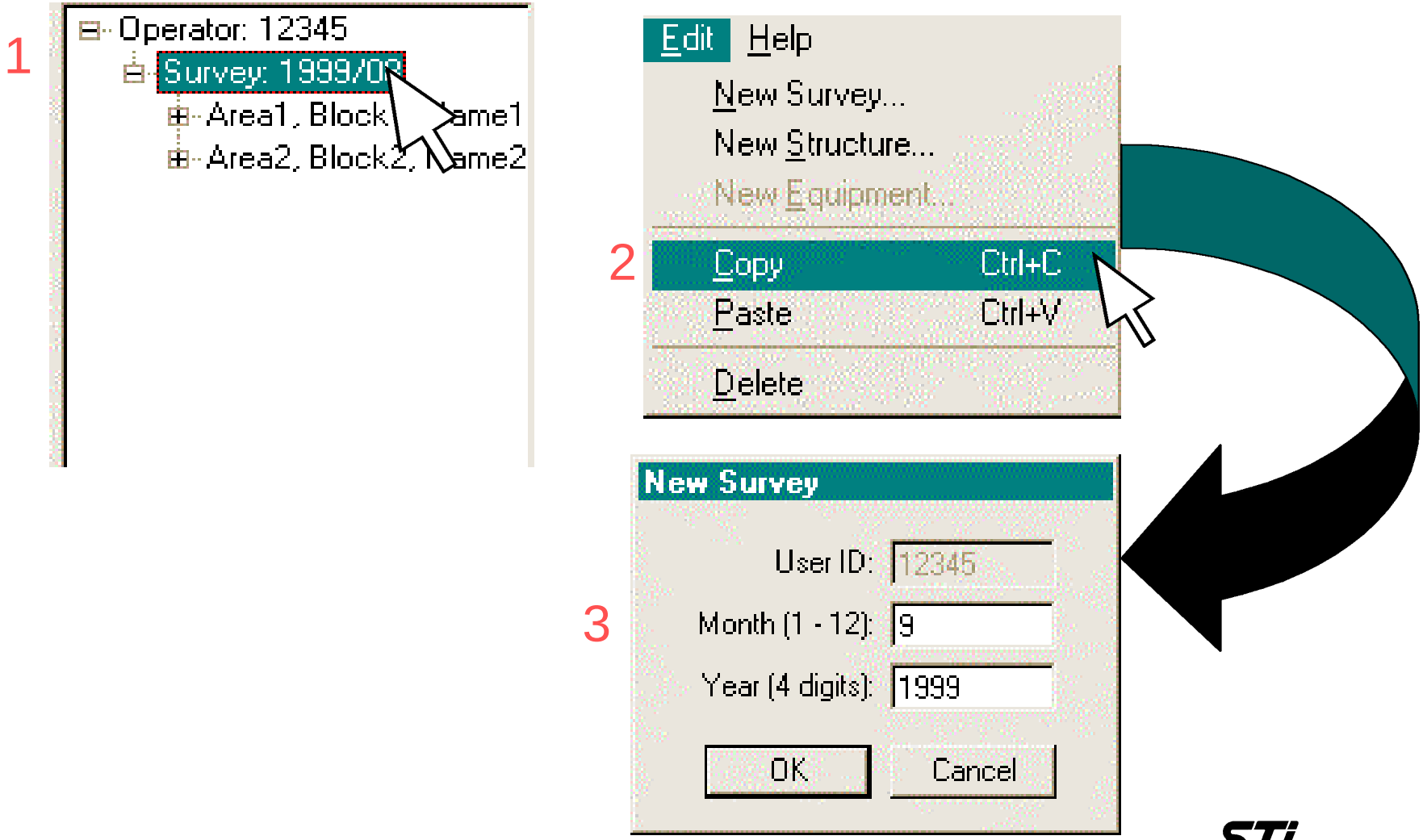
Submit data.


File
Edit
Help
1
Export Survey...
QC Survey...
Exit Program
Export Survey
Select a Survey to Export:
Survey
Last Updated
Last QC'd
Last Exported
2
08/1999
08/12/99 20:35
08/12/99 20:38
Never Exported
Export File Path and Filename:
3
A:\August 1999.mdb
Browse...
4
OK
Exit Export

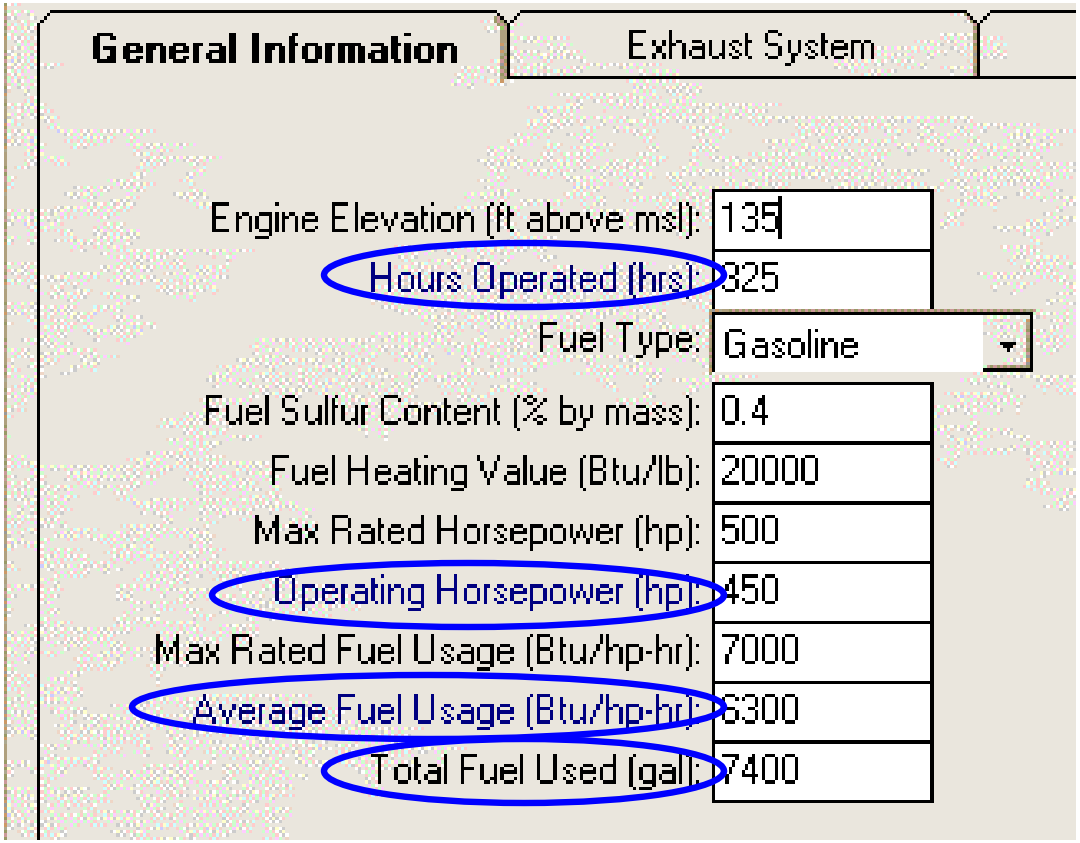
Back up the master database.



Copy last month's data.

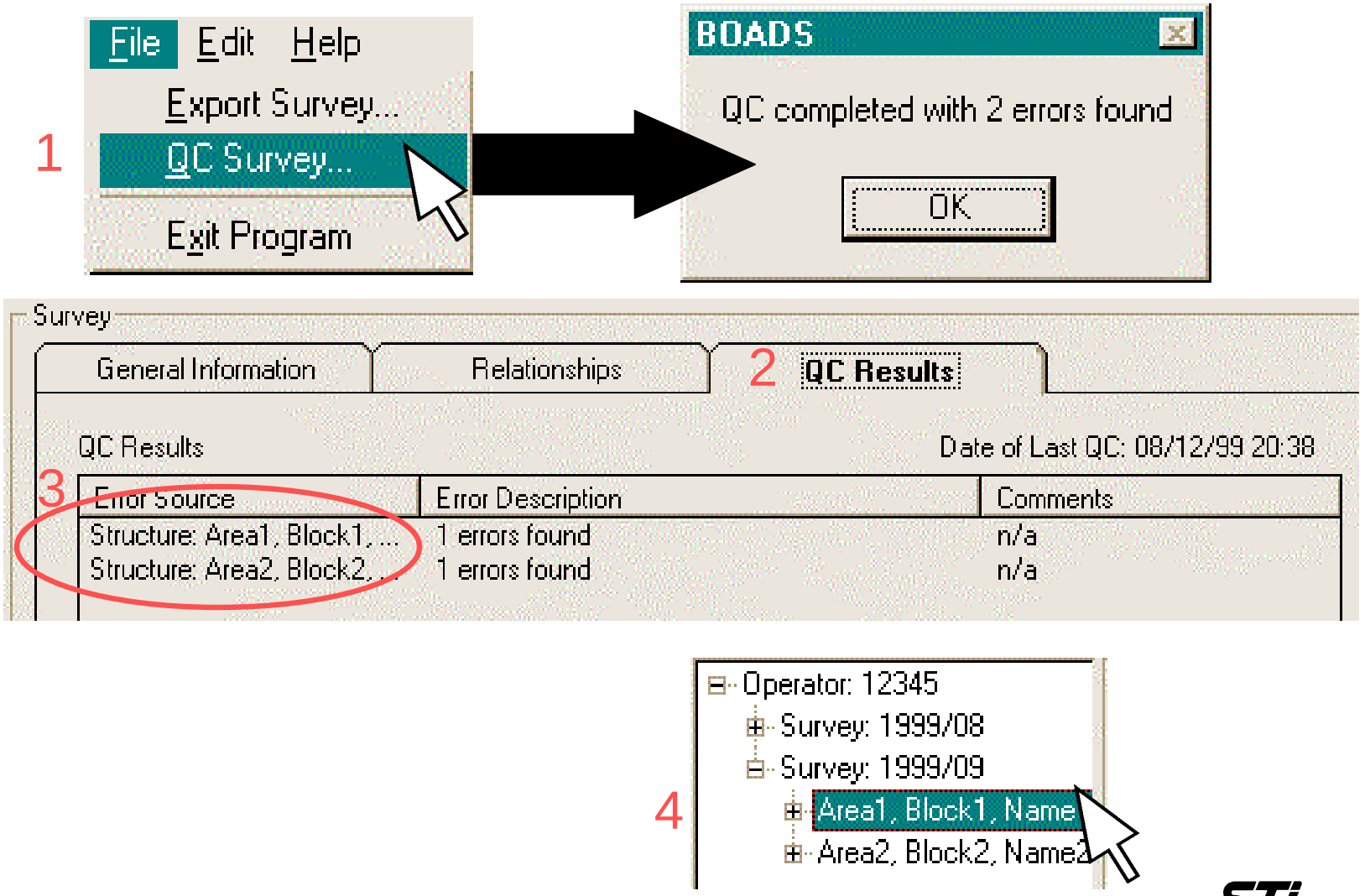


Review variable data.

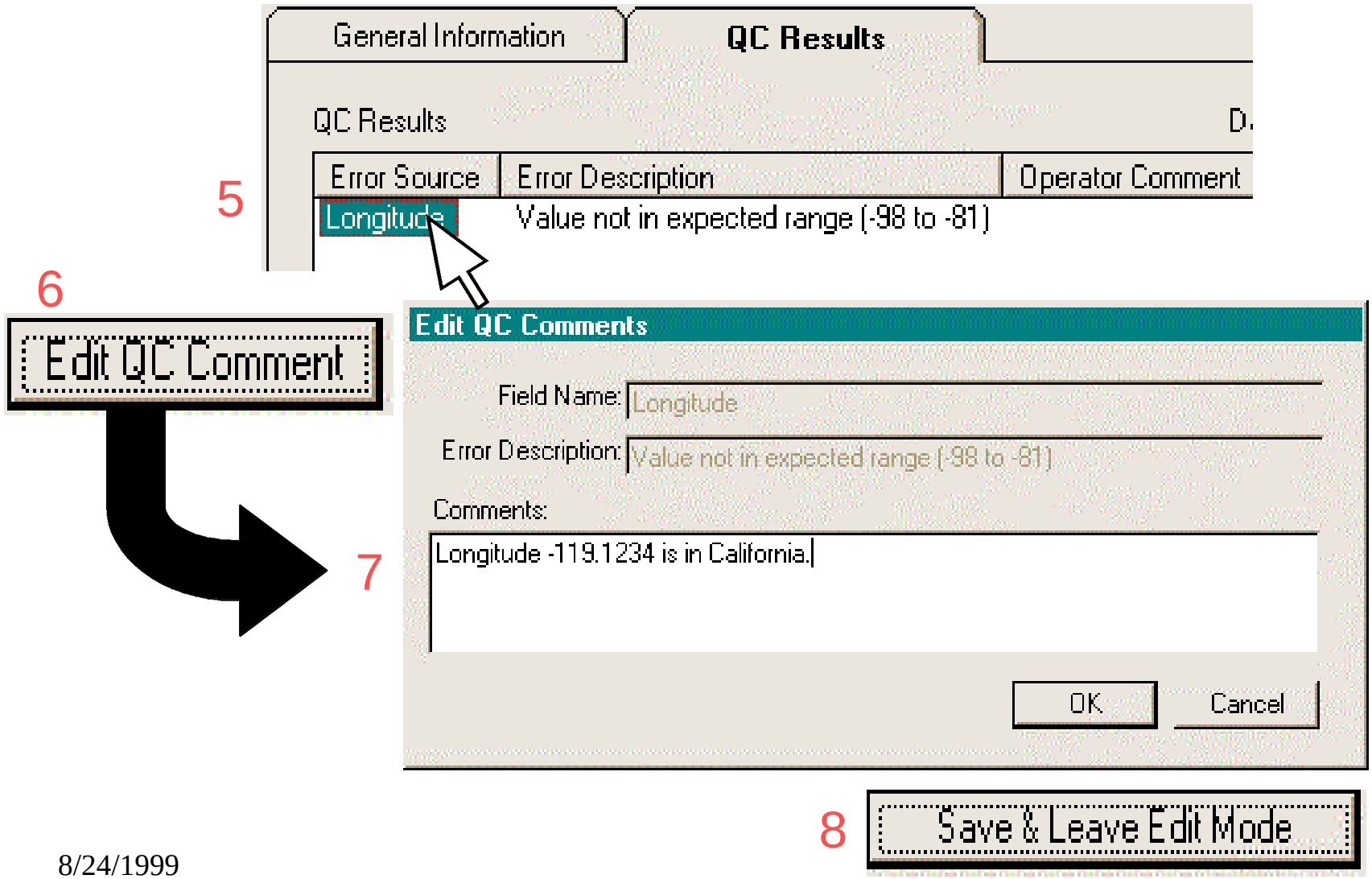


Look for labels with blue font.

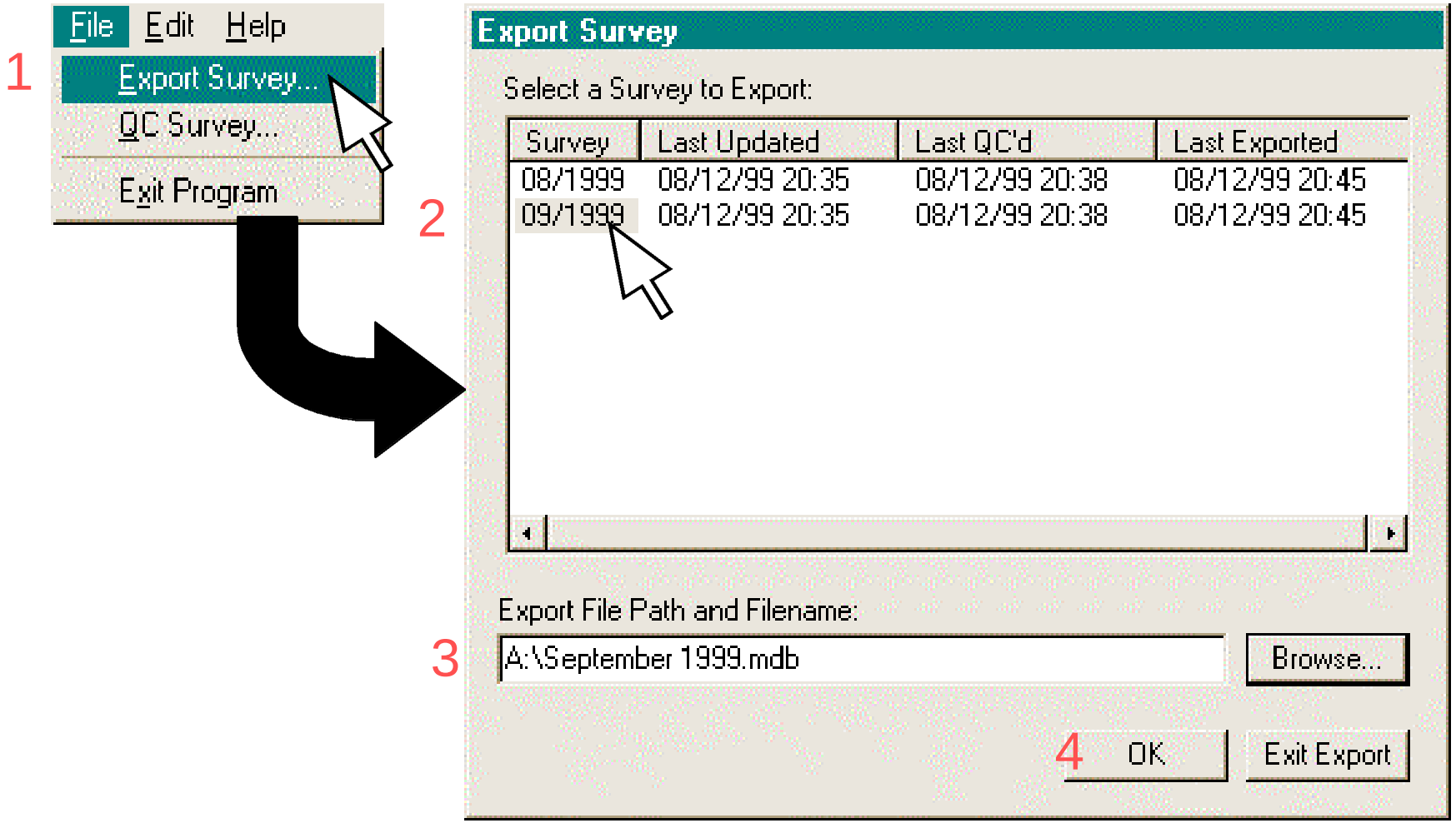
QC and validate. (1 of 2)



QC and validate. (1 of 2)



Ready to submit data again.



Technical Support

With questions/software issues:

Mr. Joe Perryman

E-Mail: joe.perryman@mms.gov

Mapping and Automation Unit (MS 5413)

1201 Elmwood Park Blvd.

New Orleans, LA 70123-2395

Phone: (504) 736-2791

Full-Scale Trial Run

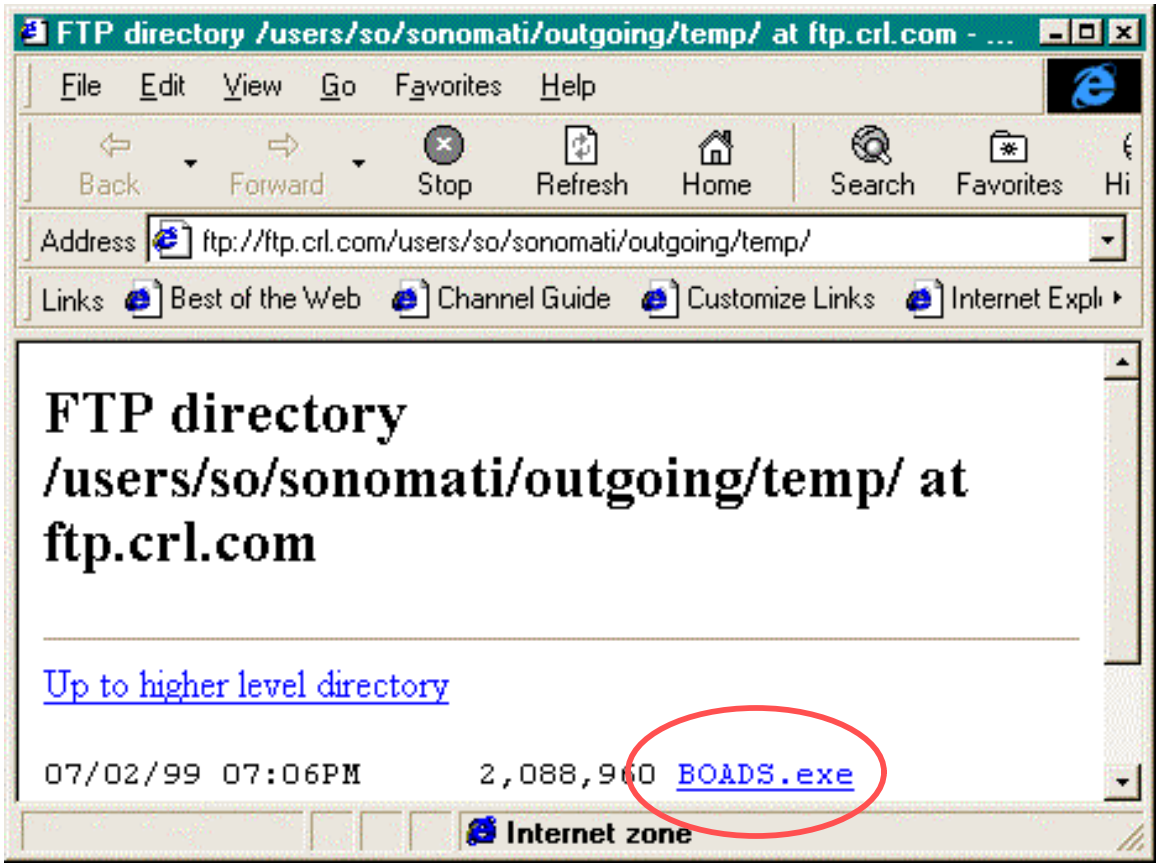
Important to comply; these data will be used.

- Response rate projections
- Preliminary analyses

- What we are looking for:
  - QC range checks too narrow?
  - Online help sufficient?
  - Cosmetic improvements needed?
- Things we cannot fix:
  - Add new data entries or equipment types.
  - Add new software features.

Following trial run, retrieve BOADS update.

ftp://ftp.crl.com/users/so/sonomati/outgoing/temp/



Copy BOADS.exe to the directory:
"C:\program files\BOADS\"

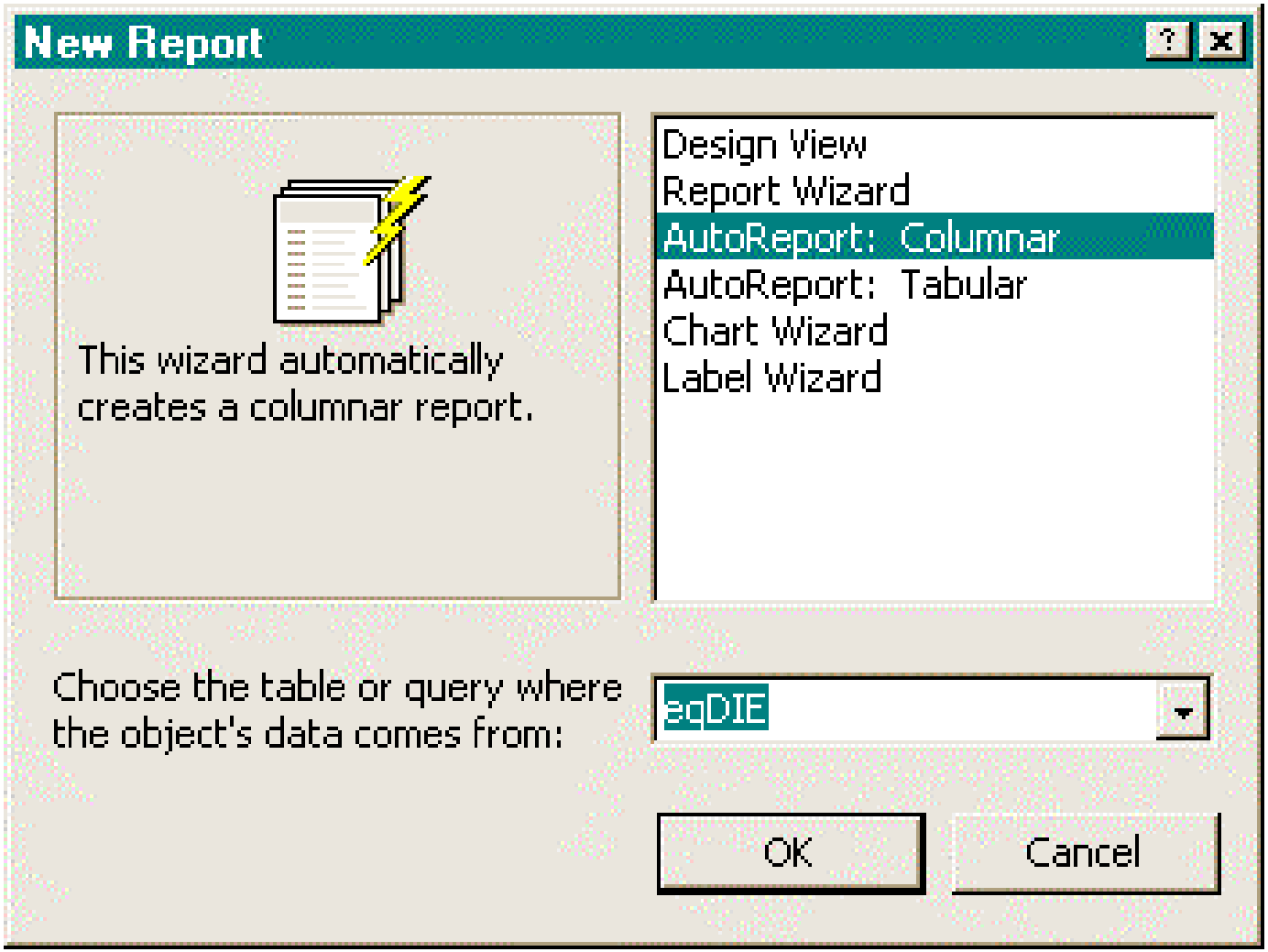
Useful MS Access 97 Features

- Design customized data reports.
- Link to a master database over a LAN.

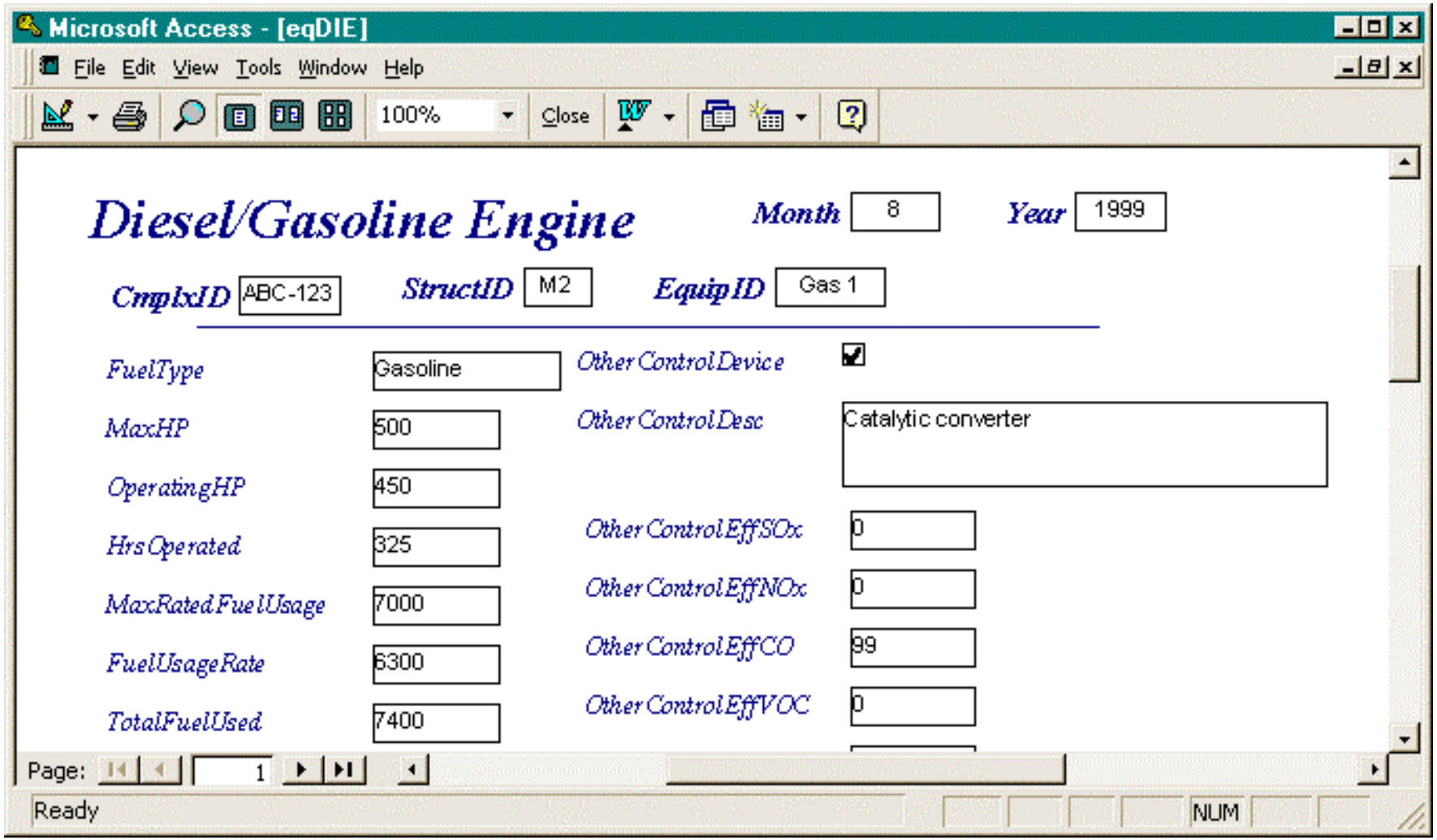
These activities can be risky and can potentially corrupt the master database. **--NO technical support; be cautious--**

  - NEVER modify the BOADS master database file. Copy the master file or create a linked database to work with.
  - ALWAYS keep periodic, historical backups of the BOADS master database file.

Customized Data Reports -
MS Access 97 Report Wizard



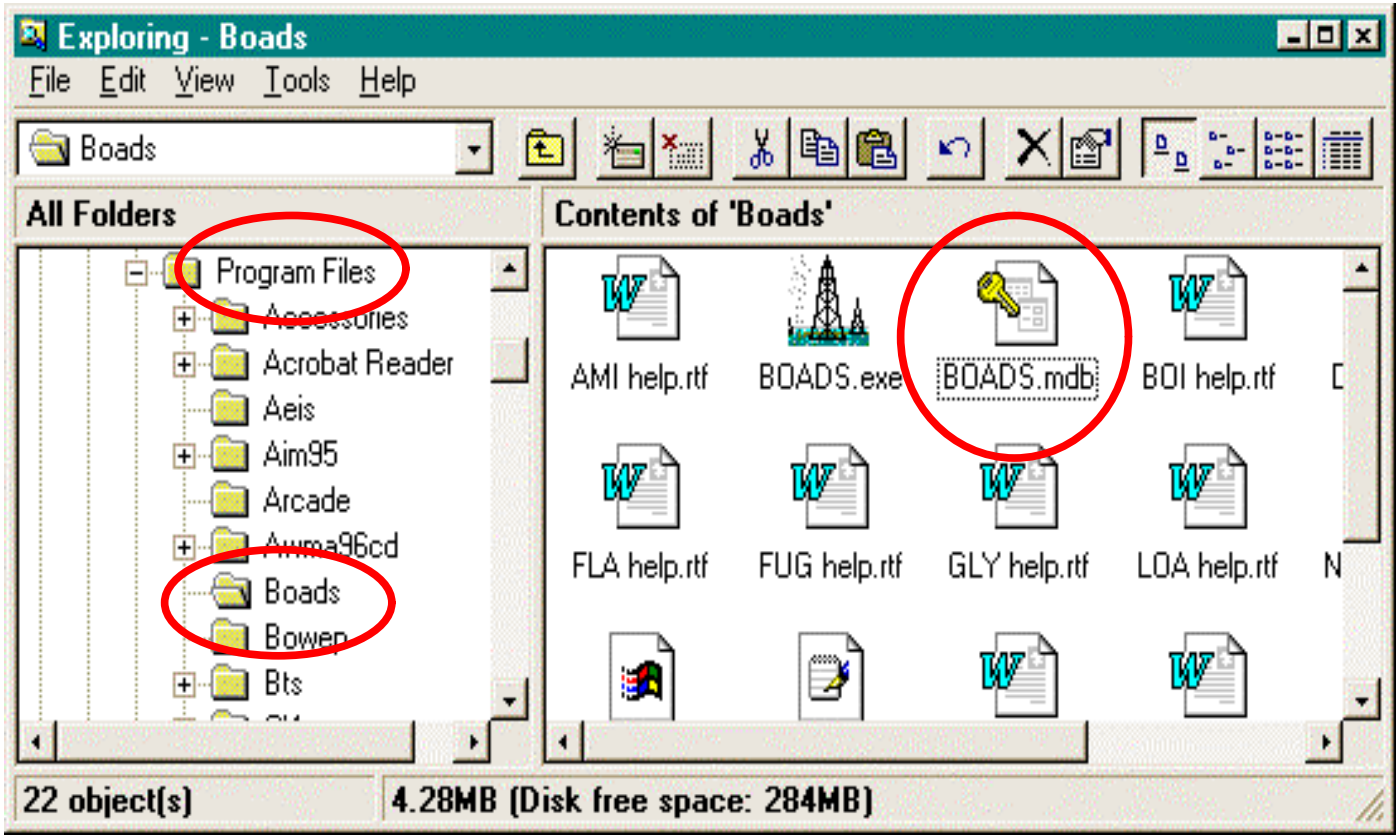
Customized Data Reports -
Print Preview



Share over a LAN

1. Copy the master database to a network drive.

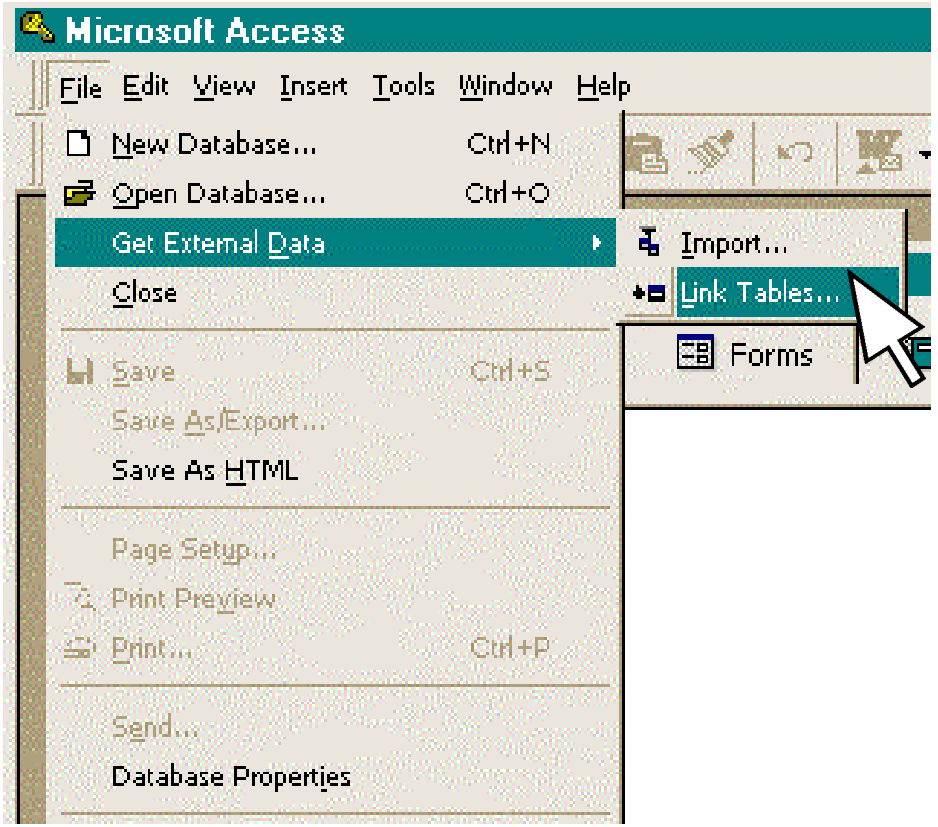
   If it contains data, back it up first!!



Share over a LAN

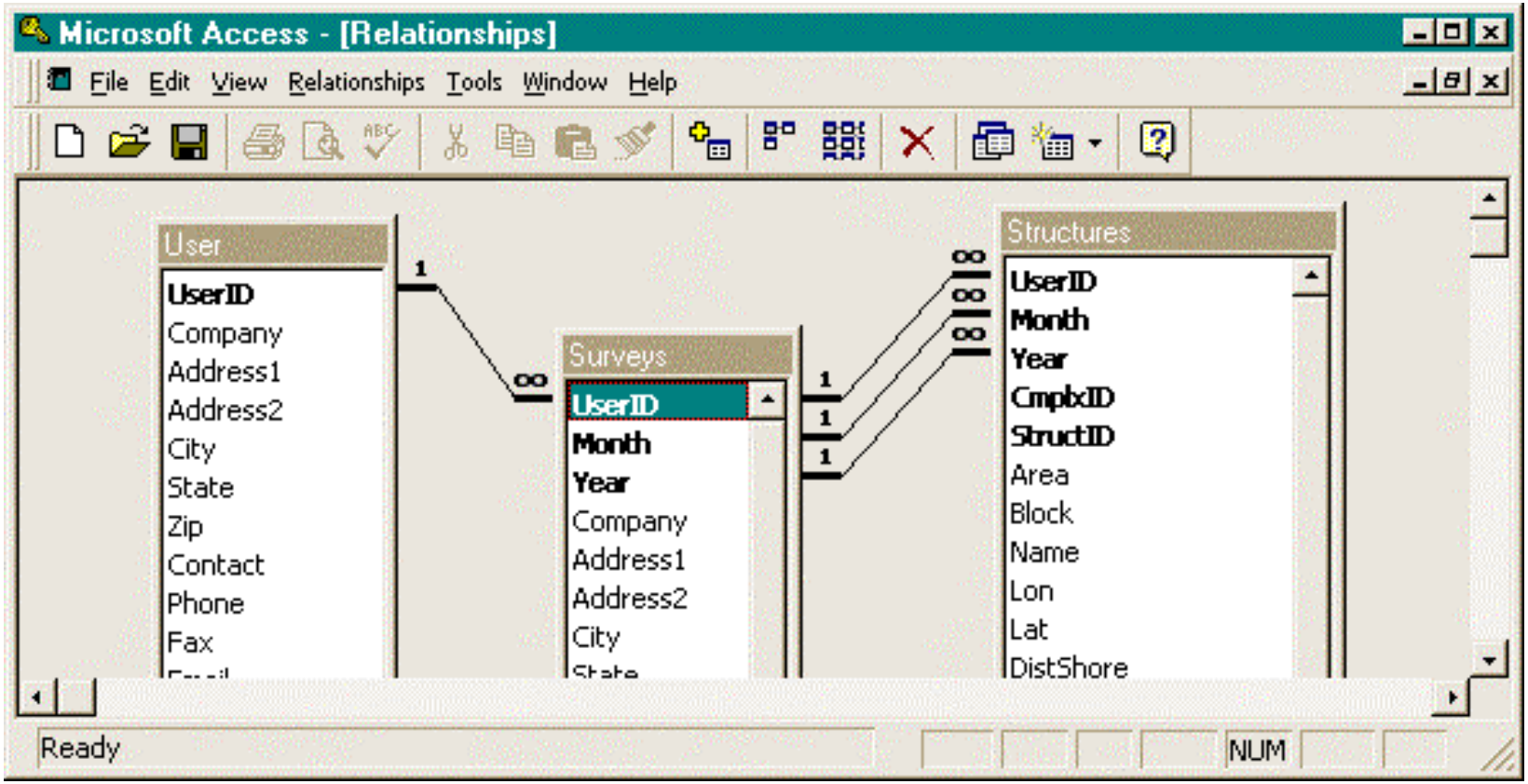
2. Locally, create a new, blank database file. “c:\program files\BOADS.mdb”

3. Link it to the master database (now on the network).



Share over a LAN

4. Make the relationships in the local database match those of the master file.



Hands-on with BOADS
(after lunch)